

EPA PRB was conducting a subset of the air monitoring that the Louisiana State Police had tasked Louisiana Department of Environmental Quality to conduct. The air monitoring was during the approximately 5 weeks of the drilling of the observation well. EPA conducted the air monitoring at 9 locations on the Texas Brine Facility. EPA monitored for:

Carbon Monoxide – CO

Hydrogen Sulfide – H<sub>2</sub>S

Volatile Organic Compounds – VOCs

Explosive atmosphere, measured as percent of the lower explosive limit – LEL

Oxygen – O<sub>2</sub>

The only elevated readings were caused by exhaust of boats, vehicles, and the drill rig. Typically, when temperature inversions occurred and the fog rolled in.

LDEQ conducted air monitoring in the neighborhood as well as the weekly day shifts at the Texas Brine facility. LDEQ has a mobile lab to analyze samples of gas captured from the bubbles, water, and soil.

At the request of Louisiana Department of Natural Resources, EPA's ASPECT flew over the sink hole area. ASPECT conducted chemical analysis, radiological surveys, and thermo-imaging.